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32650 7590 03/24/2005

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June 24, 2005	
(Date)	

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/970,971	10/04/2001	Muthiah Manoharan	ISIS-4789	3195

TITLE OF INVENTION: OLIGONUCLEOTIDES HAVING A-DNA FORM AND B-DNA FORM CONFORMATIONAL GEOMETRY

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	\$700 <input type="checkbox"/> 1400 <input checked="" type="checkbox"/>	\$300	\$1000 <input type="checkbox"/> 1700 <input checked="" type="checkbox"/>	06/24/2005

EXAMINER	ART UNIT	CLASS-SUBCLASS
OWENS JR, HOWARD V	1623	536-023100

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).	2. For printing on the patent front page, list <input type="checkbox"/> (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, <input type="checkbox"/> (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.
<input type="checkbox"/> Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.	<u>1 Isis Patent Department</u>
<input type="checkbox"/> "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.	<u>2 Woodcock Washburn LLP</u>
	3 _____

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PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment. | 06/28/2005 FFANAIAS 00000076 09970971

(A) NAME OF ASSIGNEE

ISIS Pharmaceuticals, Inc.

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

01 FC:1501
Carlsbad, California | 02 FC:1504

1400.00 OP

300.00 OP

Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private group entity Government

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Authorized Signature

Jeffrey H. Rosedale

Date June 24, 2005

Typed or printed name

Jeffrey H. Rosedale

Registration No. 46,018

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